

Date: Sun, 13 Jun 93 04:30:12 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #721
To: Info-Hams

Info-Hams Digest Sun, 13 Jun 93 Volume 93 : Issue 721

Today's Topics:

Anyone using the MFJ 1796 Vertical?
 ARCO 365 variable capacitor specifications?
 Computer control for Kenwood Radios
 Daily Solar Geophysical Data Broadcast for 12 June
 Digital microwave project
 Fernettixsearch Betsey
 Ham store in the Chicago area
 PostScript compass
 To: rec.radio.amateur.misc@dis.demon.co.uk
 What Happened to Radio-Relay??

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text herein consists of personal comments and does not represent the official policies or positions of any party. Your mileage may vary. So there.

Date: Sun, 13 Jun 1993 03:02:08 GMT
From: swrinde!gatech!howland.reston.ans.net!agate!deep.rsoft.bc.ca!mindlink!
a3853@network.UCSD.EDU
Subject: Anyone using the MFJ 1796 Vertical?
To: info-hams@ucsd.edu

Check with me in a week or so I'm just putting one together and hope to have it operational within a few days. So far the antenna seems well constructed. As for performance...we will see!

— —

 Jim Sollows Internet: JIM SOLLWS@MINDLINK.BC.CA

Agape Data Solutions

Packet: VE7JLS@VE7KIT.#VANC.BC.CAN

Date: 11 Jun 93 13:43:00 GMT

From: sun-barr!sh.wide!wnoc-kyo!icspub!ce-gw!ee!kitagawa@ames.arpa

Subject: ARCO 365 variable capacitor specifications?

To: info-hams@ucsd.edu

CQ homebrew lovers,

Should anyone know the specifications {Cmin, Cmax, Vmax} of

ARCO 365 variable capacitor, please let me know by mail.

I'm looking for a substitute part. Thank you in advance.

masa

QRZ? de JH3PRR@thyme.laser.ee.es.osaka-u.ac.jp

Date: 12 Jun 93 09:36:41 -0700

From: swrinde!cs.utexas.edu!asuvax!ennews!telesys!wierius!gedphx!

b19517@network.UCSD.EDU

Subject: Computer control for Kenwood Radios

To: info-hams@ucsd.edu

In article <1uvek2\$kke@gdls.gdls.com>, turini@gdls.com (Bill Turini) writes:

> While in my local radio store looking for a computer interface for my Kenwood
> TS50, the clerk said that there were public domain programs to control the
> radio, rather than Kenwood's offering. I've looked in QRZ! Ham Radio (Real
> nice - Thanks Floyd and others), but have not found anything. Does anyone
> know of such a program?

>

> It seems to me that I read an article in a magazine on building an interface
> and programming it for a Kenwood some time back, but I can't remember which
> magazine, or whether I'm just getting old.

>

> Also, does anyone have Kenwood's Customer Service number? (Do they have one?)

>

> 73's and thanks

>

> Bill

>

> --

> Bill Turini, KA4GAV

> Computer Sciences Corporation

Chief, Technical Systems

turini@gdls.com

> 6000 E. 17 Mile Road (313) 825-8810
> Sterling Heights, MI 48313

I don't know if you have a CD ROM drive, but on my Buckmaster HAM CALL CD they have the shareware software you are asking for to control the kenwood and other model radios. If you have a cd rom drive I recommend buying this cd. You can find their address in any 73 magazine. Or get a friend to buy it if they have a cd rom drive.

73
Larry N7NOU

--

Larry L. Dillie Allied-Signal Aerospace, Garrett Engine Division, Phoenix, AZ
Aeronet: GED::ASBT01::B19517 Internet: b19517@asbt01.gedlab.allied.com
UUCP:!{hrc|mcdphx|asuvax}!gedphx!decnet!asbt01!b19517

Date: 13 Jun 93 04:39:34 GMT
From: news-mail-gateway@ucsd.edu
Subject: Daily Solar Geophysical Data Broadcast for 12 June
To: info-hams@ucsd.edu

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 163, 06/12/93
10.7 FLUX=093.3 90-AVG=117 SSN=033 BKI=2244 3223 BAI=014
BGND-XRAY=B4.8 FLU1=1.9E+05 FLU10=1.1E+04 PKI=2244 2223 PAI=012
BOU-DEV=011,017,057,052,021,010,011,028 DEV-AVG=025 NT SWF=00:000
XRAY-MAX= C3.5 @ 0906UT XRAY-MIN= B3.7 @ 1935UT XRAY-AVG= B7.0
NEUTN-MAX= +000% @ 0000UT NEUTN-MIN= +000% @ 0000UT NEUTN-AVG= +0.0%
PCA-MAX= +0.0DB @ 0000UT PCA-MIN= +0.0DB @ 0000UT PCA-AVG= +0.0DB
BOUTF-MAX=55375NT @ 0038UT BOUTF-MIN=55337NT @ 1731UT BOUTF-AVG=55357NT
GOES7-MAX=P:+000NT@ 0000UT GOES7-MIN=N:-000NT@ 0000UT G7-AVG=+077,+000,+000
GOES6-MAX=P:+129NT@ 1658UT GOES6-MIN=N:-095NT@ 2232UT G6-AVG=+102,-022,-055
FLUXFCST=STD:090,085,090;SESC:090,085,090 BAI/PAI-FCST=015,010,010/012,010,010
KFCST=2224 3222 2223 2221 27DAY-AP=012,013 27DAY-KP=3512 3223 3322 2234
WARNINGS=*SWF
ALERTS=
!!END-DATA!!

NOTE: The Effective Sunspot Number for 11 JUN 93 was 75.0.
The Full Kp Indices for 11 JUN 93 are: 3+ 2+ 2- 2- 2o 2+ 3- 2+

Date: Sun, 13 Jun 1993 04:27:58 GMT
From: swrinde!emory!athena!aisun3.ai.uga.edu!mcovingt@network.UCSD.EDU
Subject: Digital microwave project
To: info-hams@ucsd.edu

The possible approaches to licensing would be...

(1) A ham license, IF the project is 100% NON-COMMERCIAL and not business-related in any way.

(2) The FCC has a special licensing program for school projects.

(3) Otherwise, there is FCC experimental licensing for commercial users...

--

```
:- Michael A. Covington, Associate Research Scientist      :      *****
:- Artificial Intelligence Programs      mcovingt@ai.uga.edu :      *****
:- The University of Georgia             phone 706 542-0358 :      *   *   *
:- Athens, Georgia 30602-7415 U.S.A.     amateur radio N4TMI : **  ***  **  <><
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Date: Sun, 13 Jun 1993 05:01:11 GMT
From: usc!howland.reston.ans.net!newsserver.jvnc.net!yale.edu!cs.yale.edu!
ccsua.ctstateu.edu!doane@network.UCSD.EDU
Subject: Fernettixsearch Betsey
To: info-hams@ucsd.edu

In article <1v89mbINNj05@emx.cc.utexas.edu>, oo7@emx.cc.utexas.edu (Derek Wills) writes:

> yee@mipg.upenn.edu (Conway Yee) says:

>

>>>The thing that I am curious about still remains. Multi-syllabic phonetics are
>>>easier to transmit without error than mono-syllabic ones. Even allowing for
>>>the fact that internationally well known words are to be used, certainly
>>>there are better choices than Golf and Mike. With so many thousands of words,
>>>certainly a multi-syllabic common word could be found.

>

> All I can think of in favor of these two is that they are the only ones
> with single syllables, and if you know that the other person is using the
> standard alphabet, then a single-syllable word is going to be either Golf
> or Mike, and they usually sound different.

>

> Having said that, I will admit to nearly always using Mexico for M, it
> has a nice bite to it. Germany will do for G as well.

>

>

It's curious how we operate. I find that when I handle formal written traffic, I always use the standard phonetics. Yet when I operate field day or work DX,

I invariably lapse into the unorthodox use of phonetics like CANADA, ENGLAND, ITALY, and GERMANY!--73--Betsey Doane, K1EIC
<Doane@CCSUA.CTSTATEU.EDU>

Date: Fri, 11 Jun 1993 16:11:16 GMT
From: swrinde!sdd.hp.com!col.hp.com!news.dtc.hp.com!hpscit.sc.hp.com!hplextra!hpcc05!hpunila!ddyer@network.UCSD.EDU
Subject: Ham store in the Chicago area
To: info-hams@ucsd.edu

Bill,

There is a great little ham store just north of you about 8 miles. It is in a town called Wheaton and the name is 'The Ham Radio Toy Store'. I say little as in size, not in amount of product, nor in the help they offer. The phone number is 708-668-9577. The person who usually runs it is Roberto W9INE.

I'll try to give you a few simple directions.

Head west on I-88 to the Naperville Road Exit. (Just a few miles)
Go north on Naperville Road thru ~ 4 stoplights. I think number 4 is Roosevelt Road. Turn west(left) on Roosevelt Road and go about 1 block. There is a stoplight. This is main st in wheaton. Turn north(rt). Proceed about 1 mile cross over the RR tracks. The next street is Wilson (I think). It is a one-way westbound. Turn left. The second building on the north(right) side of the street is the Toy Store. It has two large white pillars out front. go upstairs and say N9KKH Dennis sent you.

BTW if you get lost you can always find help on the Wheaton Community Radio Amateurs repeater at 145.39 - 107.2pl. Never know, I might even come back to you.

Dennis 'Duff' Dyer N9KKH

Date: 13 Jun 93 05:12:44 GMT
From: munnari.oz.au!metro!mippet.ci.com.au!eram!dave@network.UCSD.EDU
Subject: PostScript compass
To: info-hams@ucsd.edu

I'm after a PostScript source to generate a compass rose. It doesn't have to be too elaborate; just something I can attach to the base of a directional antenna for simple direction finding.

--

Dave Horsfall (VK2KFU) VK2KFU @ VK2RWI.NSW.AUS.OC PGP 2.2
dave@esi.COM.AU ...munari!esi.COM.AU!dave available

Date: Sun, 13 Jun 1993 05:48:39 +0000
From: pipex!warwick!qmw-dcs!qmw!demon!cix.compulink.co.uk!dplumb@uunet.uu.net
Subject: To: rec.radio.amateur.misc@dis.demon.co.uk
To: info-hams@ucsd.edu

***** UNDELIVERABLE MAIL sent to sbooth, being returned by lonestar!sbooth

mail: Error # 2 'Problem with mailfile' encountered on system lonestar

*** HOW MANY MORE TIMES DOES THIS HAVE TO HAPPEN ***

Date: Sun, 13 Jun 1993 01:53:32 GMT
From: usc!wupost!crnis1.unl.edu!news.unomaha.edu!cwis!pschleck@network.UCSD.EDU
Subject: What Happened to Radio-Relay??
To: info-hams@ucsd.edu

In <930610162628.3b5@GMS> RGS%gms@gfimda.UUCP (Robert G. Schaffrath) writes:

>There was another list service running for a while from UCSD.EDU called
>Radio-Relay. It seems to have died sometime ago. Does anybody know what
>happened to it? I looked forward to the ARRL bulletins and other
>miscellaneous items that passed through.

Hmm, must have been more than 2 years ago (or at least not well
publicized) as I don't recall it. What may have happened was that since
it was a filtered (quasi-moderated) stream, the editor didn't have
enough spare time to continue the service.

The new newsgroup rec.radio.info (and its E-mail gateway,
Radio-Info@ucsd.edu) provides a very similar service, with bulletins and
FAQ's. Its volume is about 10% of that of Info-Hams. It has a
moderator who is generally able to keep up with his duties and put out a
pretty good product (Mark Salyzyn, VE6MGS, rec.radio.info@
ve6mgs.ampr.ab.ca).

To subscribe to Radio-Info, send E-mail to Radio-Info-Request@ucsd.edu
and in the body of the message, write:

subscribe Radio-Info

you should get a reply back right away, else retry with:

subscribe Radio-Info your-email-address

--

73, Paul W. Schleck, KD3FU

pschleck@unomaha.edu

Date: Sun, 13 Jun 1993 07:08:57 GMT

From: portal!lhaven.UUmh.Ab.Ca!dreamer@uunet.uu.net

To: info-hams@ucsd.edu

References <C83BIG.ICt@hpqmoea.sqf.hp.com>, <21870037@hplvec.LVLD.HP.COM>,
<C8H6no.614@world.std.com>p

Subject : Re: ft530 rubber resistor: tuned low?

In article <C8H6no.614@world.std.com>, Internet Surfer writes:

> I personally HAD a weakness for the ANLI dual top duckiewhip.. its 2 and 1..
> Looks good.. Works GREAT.
> (what a shame i snapped the whip and my HT is DOA and thats all the hamgear
> I own)
>

Yeah, I picked up a Comet SH-55 from the first ad I so for it. Less than 12
hours later, I dropped my HT.....with the antenna pointed down. The HT
survived, but the Antenna snapped. I'm back to using the Rubber Resistor.

Though, somebody mentioned having a Larsen(?) Dual Band HT antenna available on
the Net last week, I'll have to ask tomorrow if its still available.

--

"Just a Crazy Engineer with an Amiga and an HP48sx" - The Dreamer
Email: dreamer@lhaven.uumh.ab.ca or "Lawrence Chen" @ 1:134/3002
PHONE: +1 403 526 6019 FAX: +1 403 529 5102 CIS: 74200,2431
Lunatic Haven BBS: +1 403 526 6957 | Packet: @VE6FRM.#HAT.AB.CAN.NA
Praxis Society K12 BBS: +1 403 529 1610 | Callsign: VE6LKC

Date: 13 Jun 93 03:56:59 GMT

From: swrinde!gatech!howland.reston.ans.net!noc.near.net!transfer.stratus.com!
jjmhome!pig!die@network.UCSD.EDU

To: info-hams@ucsd.edu

References <1993Jun11.150745.9462@uhura.neoucom.edu>, <C8HLxB.BH2@zeno.fit.edu>,
<1993Jun12.124123.21140@uhura.neoucom.edu>

Reply-To : stratus.com!jjmhome!pig!die

Subject : Re: Digital microwave project

In article <1993Jun12.124123.21140@uhura.neoucom.edu> wtm@uhura.neoucom.edu (Bill Mayhew) writes:

>at the prime focus. Apartment building Satellite Master TV Antenna
>(SMATV) systems often mount two feed horns side-by-side so as to
>enable reception of all 24 H and V trnasponders from a single
>satellite; with a small 2.3-3.5 meter dish with a farily low focus
>to diameter (F/D) ratio, the focus is loose enough you can get away
>with it.

I have never seen this anywhere. The standard device for receiving both polarizations on one TVRO dish is called an orthomode feed; orthomode feeds use a common circular waveguide scalar horn (the thing with the rings of ridges) and two mode couplers (or probes) that couple to standard rectagular guide for input to the LNB's. Usually these are oriented at 90 degrees for the two polarities. A standard C band scalar horn is much bigger than the focal diffraction disk of a typical .4 F/D dish and two side by side scalar horns wouldn't work at all. Neither one would get much of any signal.

What you do occasionally see is two (orthomode) scalar feeds each somewhat offset from the focus of the dish and each used to get signal from a separate satellite spaced nearby on the Clarke arc. This is not at all uncommon for cable or SMATV headends since most cable services are currently on satellites on the west end of the arc that are two or three degree apart, and the loss in gain due to coma from the 1 degree or 1.5 degree offset feed position on a 10 foot or 12 foot dish is not enough to cause serious signal degradation. There are some systems that use 3 feeds on one dish for the current constellation of west end of the arc cable satellites. This is also sometimes done with spherical rather than parabolic reflectors and sometimes the offset horns are oddly shaped to correct the phase distortion due to the offset from focus.

David I. Emery, Senior Technical Consultant (and notorious fraud)
UUCP: ...uunet!stratus.com!jjmhome!pig!die Internet: die@world.std.com

End of Info-Hams Digest V93 #721
